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25X1SUBJ: SO-239 SECOND GENERATION DUPLICATE NEGATIVE VS NORMAL
THIRD GENERATION DUPLICATE NEGATIVE

1. THE THIRD GENERATION NEGATIVE RECEIVED AT [REDACTED] IS USED PRIMARILY IN THE PRODUCTION OF PAPER PRINTS FOR BRIEFING BOARDS AND PI ILLUSTRATION PURPOSES WHEN THE ORIGINAL NEGATIVE IS NOT AVAILABLE. THE EVALUATION THEREFORE WAS DIRECTED TOWARD THESE ENDS.

2. MATERIALS FROM MISSION 1049, 1106 [REDACTED] WERE FURNISHED FOR THE COMPARISON; HOWEVER, DUE TO VARIOUS REASONS SUCH AS POOR IMAGE QUALITY, WEATHER LIMITATIONS, ETC, ONLY THE MATERIAL FROM MISSION [REDACTED] WAS SUITABLE.

3. THE FOLLOWING CONCLUSIONS ARE EXCERPTS FROM THE OVERALL EVALUATION REPORT WHICH WILL APPEAR IN A FUTURE PER.

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A. THE IMAGERY OF THE PRINTS MADE FROM SO-239 IS SLIGHTLY SHARPER AND DISPLAYS SLIGHTLY BETTER RESOLUTION THAN THOSE PRODUCED FROM THE THIRD GENERATION NEGATIVE.

B. GRAIN IS LESS APPARENT ON REPRODUCTIONS MADE FROM THE SO-239 DUPLICATE NEGATIVES.

C. ALTHOUGH THE "MATTE PARTICLE" IMAGES DEGRADE THE ESTHETIC QUALITY OF HIGH MAGNIFICATION PRINTS MADE FROM SO-239 DNS, THEY DO NOT ADVERSELY AFFECT INTERPRETATION.

4. THIS SUBJECTIVE EVALUATION WAS CONDUCTED ON A FEW SELECTED FRAMES OF MISSION [REDACTED] AND DOES NOT NECESSARILY REFLECT THE COMPATIBILITY OF SO-239 IN THE REPRODUCTION OF AN ENTIRE MISSION.

[REDACTED] HAS NO DOCUMENTED KNOWLEDGE OF THE SENSITOMETRY OF SO-239 IN THE SYSTEM AND THEREFORE IS NOT IN A POSITION TO MAKE AN ABSOLUTE DETERMINATION AS TO THE ACCEPTABILITY OF THE PRODUCT AT THIS TIME. WE THEREFORE REITERATE OUR REQUEST FOR SO-239 SYSTEM CURVES ASAP.

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